

**ABSTRACT:** This invention is an apparatus and method for determining the velocity of a projectile. A light curtain unit (20) creates two light curtains (46) (48) and two sensing planes (50) (52). The projectile causes the light from the light curtain (46) (48) to be reflected into the detectors (22a) (24a) of the sensing planes (50) (52). The time for a projectile to pass through one sensing plane to the other is measured and calculated for display by the Display Unit (10)